

FISH & RICHARDSON P.C.

225 Franklin Street
Boston, Massachusetts
02110-2804

Telephone
617 542-5070

Facsimile
617 542-8906

Web Site
www.fr.com

March 22, 2004

Attorney Docket No.: 09712-213002

Mail Stop Patent Application

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Presented for filing is a new continuation patent application of:

Applicant: PETER J. DE GROOT AND XAVIER COLONNA DE LEGA

Title: MEASUREMENT OF COMPLEX SURFACE SHAPES USING A
SPHERICAL WAVEFRONT

The prior application is assigned of record to Zygo Corporation,
a Delaware corporation, by virtue of an assignment submitted to the Patent and
Trademark Office and recorded on August 29, 2002 at 013268/0095.

Enclosed are the following papers, including those required to receive a filing date
under 37 CFR §1.53(b):

| | <u>Pages</u> |
|---------------|--------------|
| Specification | 23 |
| Claims | 12 |
| Abstract | 1 |
| Declaration | 2 |
| Drawing(s) | 25 |

Enclosures:

- Form PTO-1449, 4 pages, listing documents cited in the parent application(s). Please confirm that these have been considered in this application by returning a copy of the Form PTO-1449 with the examiner's initials.
- Preliminary amendment, 5 pages.
- Postcard.

CERTIFICATE OF MAILING BY EXPRESS MAIL

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Date of Deposit

16711 U.S. PTO
032204

Frederick P. Fish
1855-1930

W.K. Richardson
1859-1951



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This application is a continuation (and claims the benefit of priority under 35 USC 120) of U.S. application serial no. 10/190,353, filed July 3, 2002, which claims priority under 35 U.S.C. § 119(e) to Provisional Patent Application No. 60/329,627, filed October 16, 2001. The disclosure of the prior applications are considered part of (and are incorporated by reference in) the disclosure of this application.

| | |
|--|-------|
| Basic filing fee | \$770 |
| Total claims in excess of 20 times \$18 | \$0 |
| Independent claims in excess of 3 times \$86 | \$0 |
| Fee for multiple dependent claims | \$0 |
| Total filing fee: | \$770 |

A check for the filing fee is enclosed. Please apply any other required fees or any credits to deposit account 06-1050, referencing the attorney docket number shown above.

If this application is found to be incomplete, or if a telephone conference would otherwise be helpful, please call the undersigned at (617) 542-5070.

Kindly acknowledge receipt of this application by returning the enclosed postcard.

Please direct all correspondence to the following:

26161

PTO Customer Number

Respectfully submitted,



Marc M. Wefers* for
David L. Feigenbaum
Reg. No. 30,378

*See attached document certifying that Marc M. Wefers has limited recognition to practice before the U.S. Patent and Trademark Office under 37 C.F.R. § 10.9(b).

DLF/czc
Enclosures